



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 2124

In re

Patent Application of

Neal J. Seidl

Application No. 10/694,039

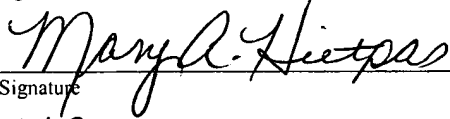
Confirmation No.: 3877


Filed: October 27, 2003

Examiner: Unknown

“WIRELESS COMMUNICATION SYSTEM  
AND METHOD”

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INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

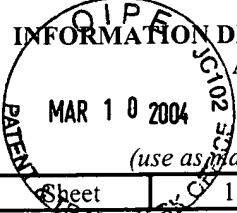
Respectfully submitted,



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Reg. No. 54,635

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Substitute of form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/694,039
				<b>Filing Date</b>	October 27, 2003
				<b>First Name Inventor</b>	Neal J. Seidl
				<b>Group Art Unit</b>	2124
				<b>Examiner Name</b>	Unknown
				<b>Attorney Docket Number</b>	039199-9541-00
Sheet	1	of	3		

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Filing or Publication of Cited Document
	2002/0118780	Hurley, et al.	8/29/2002
	10/704430	Carvalho, et al	11/7/2003

## FOREIGN PATENT DOCUMENTS

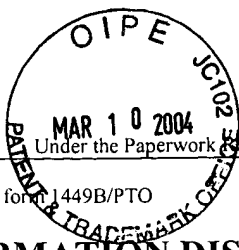
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract

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				Group Art Unit	2124
				Examiner Name	Unknown
Sheet	2	of	3	Attorney Docket Number	039199-9541-00

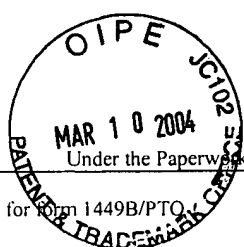
**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		D.R. Pauluzzi and N.C. Beaulieu, "A Comparison of SNR Estimation Techniques for the AWGN Channel," <i>IEEE Transactions on Communications</i> , vol. 48, No. 10, pp. 1681-1691, October 2000
		T.R. Benedict and T.T. Soong, "The joint estimation of signal and noise from the sum envelope," <i>IEEE Trans. Information Theory</i> , vol. IT-13, pp. 447-454, July 1967.
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		V.K. Rohatgi, <i>An Introduction to Probability Theory and Mathematical Statistics</i> , John Wiley and Sons, 1976.
		Murota, K. and Hirade, K. "GMSK Modulation for Digital Mobile Radio Telephony," <i>IEEE Transaction on Communications</i> , Vol. COM-29, pp. 1044-1050, No. 7, July 1981.
		Pasupathy, S., "Minimum Shift Keying: A Spectrally Efficient Modulation," <i>IEEE Communications Magazine</i> , Vol. 0163-6804/79/0700-0014, July 1979.
		Elnoubi, S.M. "Analysis of GMSK with Differential Detection in Land Mobile Radio Channels," <i>IEEE Transactions on Vehicular Technology</i> , Vol. VT-35, No. 4, November 1986.
		R. de Buda, "Coherent demodulation of frequency-shift keying with low deviation ratio," <i>IEEE Trans. Communications</i> , vol. COM-20, pp. 429-435, June 1972.
		P. Galko and S. Pasupathy, "Linear receivers for correlatively coded MSK," <i>IEEE Trans. Communications</i> , vol. COM-33, April 1985, pp. 338-347.

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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		G.K. Kaleh, "Simple coherent receivers for partial response continuous phase modulation," <i>IEEE Journal on Selected Areas of Communication</i> , vol. SAC-7, Dec. 1989.
		P. Laurent, "Exact and approximate construction of digital phase modulations by superposition of amplitude modulated pulses," <i>IEEE Trans. Communications</i> , vol. COM-34, pp. 150-160, Feb. 1986.
		N. Al-Dhahir and G. Saulnier, "A high-performance reduced-complexity GMSK demodulator," <i>IEEE Trans. Communications</i> , vol. 46, pp. 1409-1412, Nov. 1998.
		F. Amoroso and J.A. Kivett, "Simplified MSK signaling technique," <i>IEEE Trans. Communications</i> , vol. COM-25, pp. 433-441, April 1977.
		W.P. Osborne and M.B. Luntz, "Coherent and NonCoherent Detection of CPFSK," <i>IEEE Trans. Communications</i> , vol. COM-22, pp. 1023-1036, August 1974
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		T.I. Laakso, V. Valimaki, M. Karjalainen and U.K. Laine, "Splitting the unit delay," <i>IEEE Signal Processing Magazine</i> , vol. 13, pp. 30-60, Jan. 1996.

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